Refine Search

Search Results -

Terms	Documents
L6 and (514/$ and 560/$ or 562/$)	0

Database:
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US Patents Full-Text Database
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EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

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Search History

DATE: Monday, June 18, 2007 **Purge Queries** Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ			
L7	L6 and (514/$ and 560/$ or 562/$)	0	L7
L6	l5 and $3glutaric acid diester	4	L6
L5	$5GLUTARIC acid monoester	27	L5
L4	OXYGLUTARIC acid monoester	1	L4
L3	OXYGLUTARIC acid monoester and oxyglutaric acid diester	1	L3
DB=USPT; PLUR=YES; OP=ADJ			
L2	20050119341	0	L2
DB=PGPB; PLUR=YES; OP=ADJ			
L1	20050119341	1	L1

END OF SEARCH HISTORY

Hit List

First Hit | Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 20050119341 A1

L6: Entry 1 of 4 File: PGPB Jun 2, 2005

PGPUB-DOCUMENT-NUMBER: 20050119341
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050119341 A1

TITLE: 3-substituted oxyglutaric diester compound, optically active 3-substituted oxyglutaric monoester compound, and processes for producing these

PUBLICATION-DATE: June 2, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Yamamoto, Yasuhito	Ube-shi		JP
Miyata, Hiroyuki	Ube-shi		JP
Konegawa, Tadayoshi	Ube-shi		JP
Sakata, Kazuma	Ube-shi		JP

US-CL-CURRENT: 514/548; 554/1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw D

☐ 2. Document ID: JP 09322787 A

L6: Entry 2 of 4 File: JPAB Dec 16, 1997

PUB-NO: JP409322787A
DOCUMENT-IDENTIFIER: JP 09322787 A
TITLE: PRODUCTION OF (S)-GLUTARIC ACID MONOESTER DERIVATIVE HAVING THIO-SUBSTITUTED GROUP AT 3-POSITION

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw D

☐ 3. Document ID: JP 2006075032 A

L6: Entry 3 of 4 File: DWPI Mar 23, 2006

DERWENT-ACC-NO: 2006-244776
DERWENT-WEEK: 200626
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TITLE: Manufacture of optically active 3-amino glutaric acid monoester compound for pharmaceuticals, involves hydrolyzing ester group of specific amino glutaric acid diester compound in presence of lipase derived from Candida antarctica

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw. D

☐ 4. Document ID: JP 2003299495 A

L6: Entry 4 of 4 File: DWPI Oct 21, 2003

DERWENT-ACC-NO: 2004-046979
DERWENT-WEEK: 200405

TITLE: Manufacture of optically active methyl glutaric acid monoester useful as intermediate in pharmaceuticals, involves asymmetrically hydrolyzing ester region of methyl glutaric acid diester with hydrolyzing enzyme or culture

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw. D

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Terms	Documents
L5 and $3glutaric acid diester	4

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L1 STRUCTURE UPLOADED

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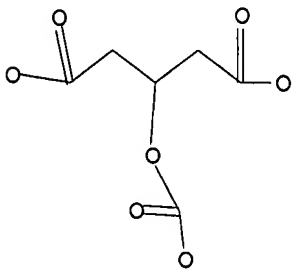

Structure attributes must be viewed using STN Express query preparation.

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100.0% PROCESSED 1460 ITERATIONS 7 ANSWERS
SEARCH TIME: 00.00.01

L2 7 SEA SSS FUL L1

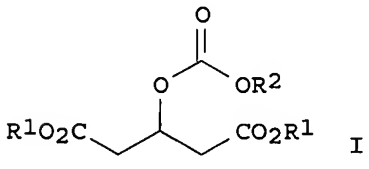
L3 3 L2

=> d 1-3 ibib abs hitstr

L3 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:855902 CAPLUS
DOCUMENT NUMBER: 139:350467
TITLE: Preparation of 3-substituted oxyglutaric diester compound, optically active 3-substituted oxyglutaric monoester compound, and processes for producing these
INVENTOR(S): Yamamoto, Yasuhito; Miyata, Hiroyuki; Konegawa, Tadayoshi; Sakata, Kazuma
PATENT ASSIGNEE(S): Ube Industries, Ltd., Japan
SOURCE: PCT Int. Appl., 30 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2003089401	A1	20031030	WO 2003-JP4962		20030418
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW					
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG					
CA 2484530	A1	20031030	CA 2003-2484530		20030418
AU 2003235253	A1	20031103	AU 2003-235253		20030418
EP 1500642	A1	20050126	EP 2003-719137		20030418
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK					
US 2005119341	A1	20050602	US 2003-511674		20030418
PRIORITY APPLN. INFO.:			JP 2002-117285	A	20020419
			JP 2002-117286	A	20020419
			WO 2003-JP4962	W	20030418

OTHER SOURCE(S): CASREACT 139:350467; MARPAT 139:350467
GI



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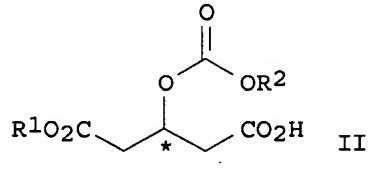


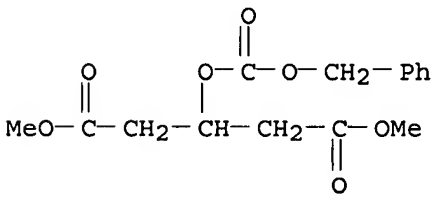
II

AB A 3-substituted oxyglutaric diester compound represented by the following

formula (I) [wherein R1's may be the same or different and each represents (un)substituted alkyl; and R2 represents (un)substituted alkyl, (un)substituted alkenyl, (un)substituted aralkyl, or (un)substituted aryl] is prepared An optically active 3-substituted oxyglutaric monoester compound represented by the formula (II) (wherein R1 and R2 are the same as defined above; * denotes an asym. carbon atom) are prepared in high yields with high selectivity by enzymic hydrolysis of the 3-substituted oxyglutaric diester compound I in the presence of protease, esterase, or lipase, in particular lipase of Candida antarctica. Thus, 1.01 g 3-hydroxyglutaric acid di-Me ester was dissolve din 10 mL CH2Cl2, treated with 847 mg 4-dimethylaminopyridine and 990 μL benzyloxycarbonyl chloride, and stirred at 0° for 30 min and at room temperature for 1 h to give, after workup and silica gel chromatog., 73% 3-benzyloxycarbonyloxyglutaric acid di-Me ester (III). III (721 mg) was treated with a 2 mL aqueous solution containing 72 μg lipase of C. antarctica (Chirazyme L-2) and 195 mg NaHCO3, allowed to react at 30° for 7 h with stirring, treated with 10 mL EtOAc, adjusted to pH 1.9 by adding 2 M aqueous HCl, treated with 700 mg NaCl, and extracted The organic layer was separated, dried over anhydrous Na2SO4, filtered, concentrated to give 98% (S)-(-)-benzyloxycarbonyloxyglutaric acid monomethyl ester.

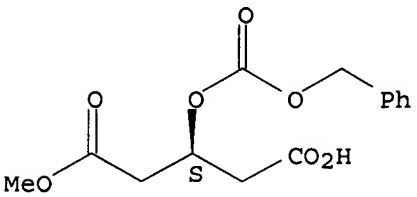
IT 618103-41-6P 618103-42-7P, (S)-(-)-3-(Benzyloxycarbonyloxy)glutaric acid monomethyl ester
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of 3-substituted oxyglutaric diesters and enzymic hydrolysis to optically active 3-substituted oxyglutaric monoesters)

RN 618103-41-6 CAPLUS
CN Pentanedioic acid, 3-[[(phenylmethoxy)carbonyl]oxy]-, dimethyl ester (9CI) (CA INDEX NAME)



RN 618103-42-7 CAPLUS
CN Pentanedioic acid, 3-[[(phenylmethoxy)carbonyl]oxy]-, monomethyl ester, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:261832 CAPLUS
DOCUMENT NUMBER: 138:287676
TITLE: Preparation of benzimidazole derivatives as ulcer and

gastric acid secretion inhibitors

INVENTOR(S): Kamiyama, Keiji; Sato, Fumihiko; Banno, Hiroshi; Hasuoka, Atsushi

PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan

SOURCE: PCT Int. Appl., 111 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003027098	A1	20030403	WO 2002-JP9746	20020924
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002332236	A1	20030407	AU 2002-332236	20020924
JP 2003313186	A	20031106	JP 2002-277780	20020924
EP 1437352	A1	20040714	EP 2002-768002	20020924
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
US 2004248941	A1	20041209	US 2004-490235	20040319

PRIORITY APPLN. INFO.:

JP 2001-292619	A	20010925
~~JP 2002-47204~~	A	20020222
WO 2002-JP9746	W	20020924

OTHER SOURCE(S): MARPAT 138:287676

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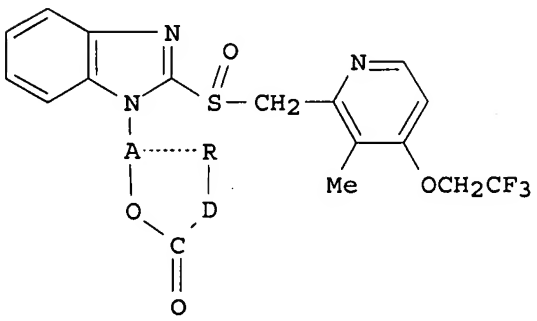


I

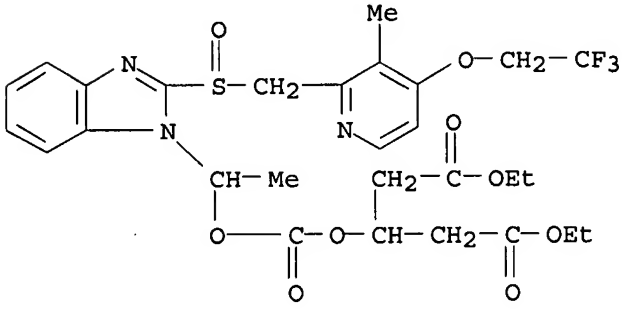
AB The title compds. I [A = (un)substituted alkylidene; R = (un)substituted hydrocarbon, etc.; or A and R may together form a ring; D = O, etc.], useful as ulcer and gastric acid secretion inhibitors (no data), are prepared I are prodrugs of 2-[[[3-methyl-4-(2,2,2-trifluoroethoxy)-2-pyridyl]methyl]sulfinyl]-1H-benzimidazole and are said to show excellent stability to acids. I are said to show excellent in vivo activities such as antiulcer activity, gastric hydrochloric acid secretion inhibitory activity, mucosal protective activity, and anti-helicobacter pylori activity.

IT 503833-54-3P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU

(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzimidazole derivs. as ulcer and gastric acid secretion inhibitors)

RN 503833-54-3 CAPLUS

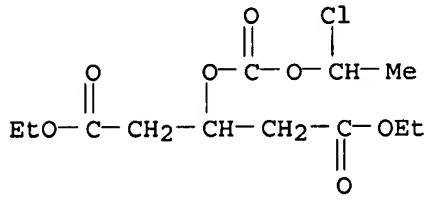
CN Pentanedioic acid, 3-[[[1-[2-[[[3-methyl-4-(2,2,2-trifluoroethoxy)-2-pyridinyl]methyl]sulfinyl]-1H-benzimidazol-1-yl]ethoxy]carbonyl]oxy]-, diethyl ester (9CI) (CA INDEX NAME)



IT 503833-69-0P 503833-70-3P 503833-87-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of benzimidazole derivs. as ulcer and gastric acid secretion inhibitors)

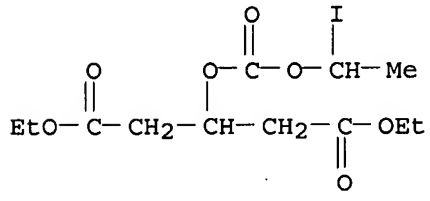
RN 503833-69-0 CAPLUS

CN Pentanedioic acid, 3-[[(1-chloroethoxy)carbonyl]oxy]-, diethyl ester (9CI) (CA INDEX NAME)



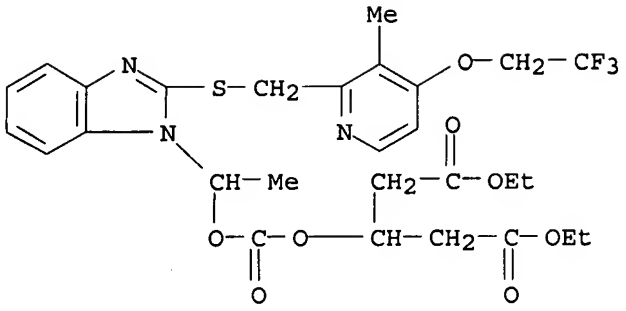
RN 503833-70-3 CAPLUS

CN Pentanedioic acid, 3-[[(1-iodoethoxy)carbonyl]oxy]-, diethyl ester (9CI) (CA INDEX NAME)



RN 503833-87-2 CAPLUS

CN Pentanedioic acid, 3-[[[1-[2-[[[3-methyl-4-(2,2,2-trifluoroethoxy)-2-pyridinyl]methyl]thio]-1H-benzimidazol-1-yl]ethoxy]carbonyl]oxy]-, diethyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1997:390239 CAPLUS
DOCUMENT NUMBER: 127:42262
TITLE: Photoresist composition with superior sensitivity and resolution and fine pattern formation using same
INVENTOR(S): Namiki, Takahisa; Yano, Ei; Watabe, Keiji; Nozaki, Koji; Igarashi, Miwa; Kuramitsu, Yoko
PATENT ASSIGNEE(S): Fujitsu Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 39 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

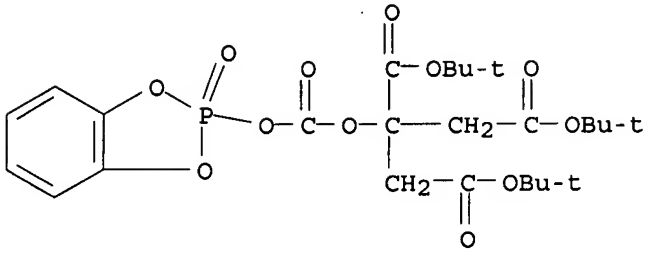
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09090613	A	19970404	JP 1995-242033	19950920
JP 3690847	B2	20050831		
US 6200724	B1	20010313	US 1996-715880	19960919
US 2003073027	A1	20030417	US 2001-757476	20010111
US 6582878	B2	20030624		
JP 2005208679	A	20050804	JP 2005-99454	20050330
JP 3759745	B2	20060329		
JP 2005222078	A	20050818	JP 2005-99426	20050330

PRIORITY APPLN. INFO.: JP 1995-242033 A 19950920
US 1996-715880 A3 19960919

AB In the title photoresist composition containing an alkaline-soluble resin, an acid generator, and a dissolving-suppressing agent, the dissolving-suppressing agent has a long pair-bearing group such as double bond-bonded O, specified alkoxy, alkoxycarbonyl, or halo in its ring or non-ring moiety, wherein the long pair-bearing group is able to attract the alkaline-soluble parts of the resin. 5 Modification of the composition and 14 pattern formation methods using the composition are claimed.

IT 190142-41-7P
RL: MOA (Modifier or additive use); PNU (Preparation, unclassified); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(prepared as dissolving-suppressing agent for photoresist composition for pattern formation)

RN 190142-41-7 CAPLUS
CN 1,2,3-Propanetricarboxylic acid, 2-[[[(2-oxido-1,3,2-benzodioxaphosphol-2-yl)oxy]carbonyl]oxy]-, tris(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)


O
O
O
C—OBu-t
O
P
O—C—O—C—CH2—C—OBu-t
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CH2—C—OBu-t
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